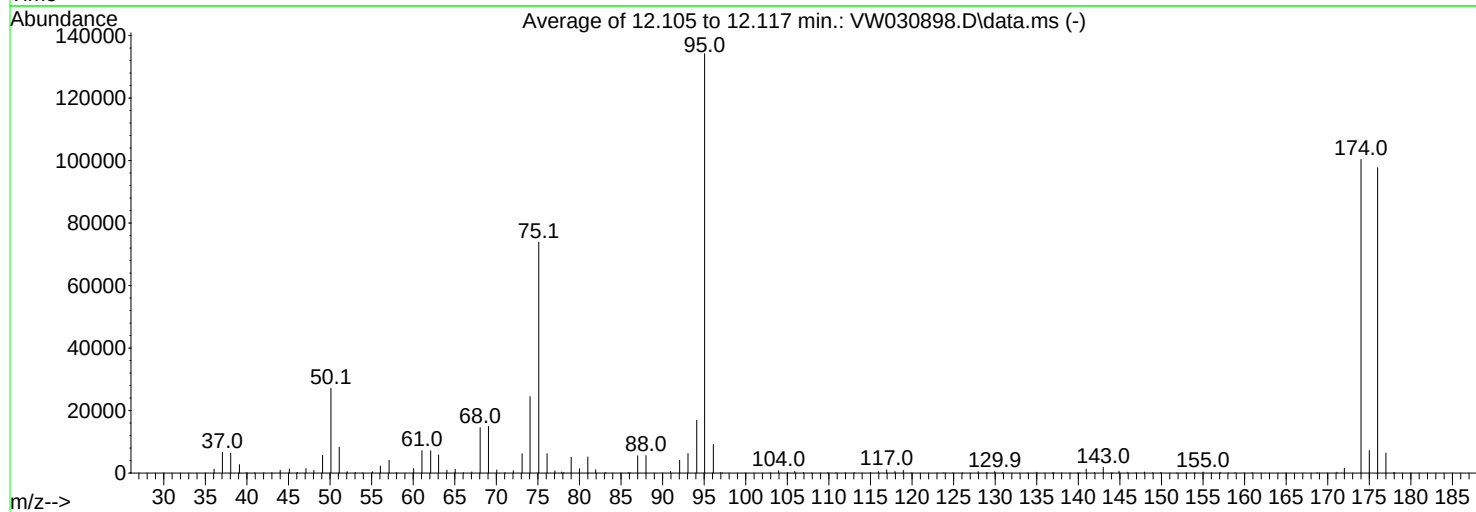
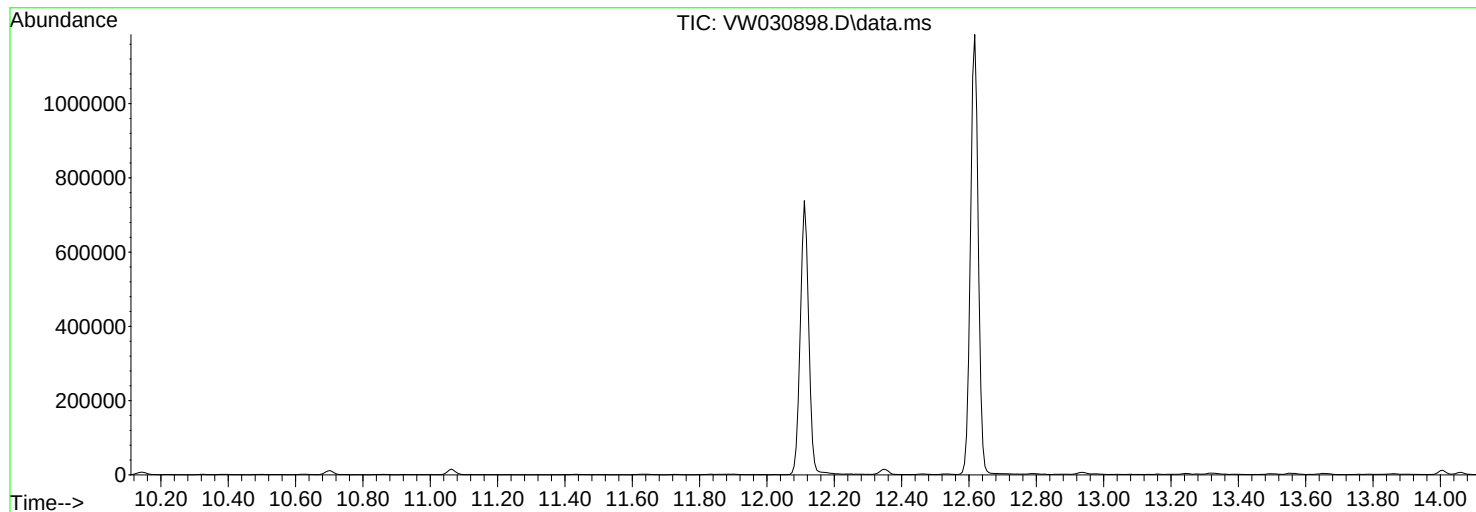


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110424\  
Data File : VW030898.D  
Acq On : 04 Nov 2024 09:26  
Operator : SY/MD  
Sample : BFB590  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB590

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110424SMA.M  
Title : SFAM01.0  
Last Update : Wed Nov 06 00:11:36 2024



AutoFind: Scans 1676, 1677, 1678; Background Corrected with Scan 1667

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 50             | 95              | 15              | 40              | 20.3         | 27176      | PASS                |
| 75             | 95              | 30              | 80              | 55.1         | 73891      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 134173     | PASS                |
| 96             | 95              | 5               | 9               | 6.8          | 9141       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 74.8         | 100357     | PASS                |
| 175            | 174             | 5               | 9               | 7.2          | 7228       | PASS                |
| 176            | 174             | 95              | 101             | 97.4         | 97707      | PASS                |
| 177            | 176             | 5               | 9               | 6.6          | 6410       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 38.20  | 59.0      |
| 39.90  | 212.0     |
| 43.90  | 189.0     |
| 69.00  | 84.0      |
| 169.00 | 58.0      |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB590

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1385.0    |
| 37.00  | 6662.0    |
| 38.10  | 6388.0    |
| 39.10  | 2865.0    |
| 40.10  | 288.0     |
| 42.10  | 75.0      |
| 43.10  | 120.0     |
| 44.00  | 1195.0    |
| 45.10  | 1492.0    |
| 46.10  | 318.0     |
| 47.10  | 1358.0    |
| 48.00  | 964.0     |
| 49.10  | 5717.0    |
| 50.10  | 27520.0   |
| 51.10  | 8471.0    |
| 52.00  | 490.0     |
| 53.10  | 187.0     |
| 53.90  | 65.0      |
| 55.10  | 487.0     |
| 56.10  | 2024.0    |
| 57.10  | 4282.0    |
| 58.00  | 172.0     |
| 60.00  | 1506.0    |
| 61.00  | 7285.0    |
| 62.10  | 7360.0    |
| 63.10  | 5886.0    |
| 64.10  | 1069.0    |
| 65.00  | 1155.0    |
| 66.10  | 144.0     |
| 67.10  | 348.0     |
| 68.00  | 14799.0   |
| 69.10  | 14113.0   |
| 70.00  | 883.0     |
| 71.10  | 105.0     |
| 72.00  | 758.0     |
| 73.10  | 5759.0    |
| 74.10  | 23424.0   |
| 75.10  | 72768.0   |
| 76.10  | 6358.0    |
| 77.10  | 832.0     |
| 77.80  | 407.0     |
| 79.00  | 5299.0    |
| 80.00  | 1424.0    |
| 81.00  | 5287.0    |
| 82.00  | 1149.0    |
| 83.10  | 109.0     |
| 85.90  | 205.0     |
| 87.00  | 5781.0    |
| 88.00  | 5206.0    |
| 91.00  | 693.0     |
| 92.10  | 4005.0    |
| 93.10  | 6080.0    |
| 94.10  | 15594.0   |
| 95.10  | 127088.0  |
| 96.10  | 8159.0    |
| 97.20  | 240.0     |
| 102.90 | 79.0      |
| 103.90 | 581.0     |
| 105.00 | 148.0     |
| 105.90 | 536.0     |
| 106.90 | 163.0     |
| 109.80 | 55.0      |
| 110.80 | 147.0     |
| 112.00 | 98.0      |
| 113.10 | 103.0     |
| 114.90 | 247.0     |
| 116.00 | 451.0     |
| 117.00 | 1236.0    |
| 118.00 | 434.0     |
| 118.90 | 801.0     |
| 119.90 | 63.0      |
| 123.80 | 72.0      |
| 124.00 | 72.0      |
| 128.00 | 378.0     |
| 129.00 | 229.0     |
| 130.00 | 399.0     |
| 131.00 | 107.0     |
| 135.00 | 261.0     |
| 136.90 | 255.0     |
| 140.20 | 83.0      |
| 141.00 | 1188.0    |
| 141.90 | 201.0     |
| 143.00 | 1767.0    |
| 143.90 | 96.0      |
| 144.90 | 702.0     |
| 146.00 | 272.0     |
| 147.00 | 94.0      |
| 148.00 | 334.0     |
| 149.00 | 68.0      |
| 149.90 | 192.0     |
| 151.90 | 59.0      |
| 153.00 | 84.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB590

|        |         |
|--------|---------|
| 154.10 | 116.0   |
| 155.00 | 316.0   |
| 156.00 | 99.0    |
| 157.10 | 225.0   |
| 158.10 | 62.0    |
| 160.80 | 171.0   |
| 168.70 | 102.0   |
| 171.10 | 368.0   |
| 172.00 | 1475.0  |
| 174.00 | 80648.0 |
| 175.00 | 6717.0  |
| 176.00 | 79520.0 |
| 177.00 | 5762.0  |
| 177.90 | 277.0   |

|                         |
|-------------------------|
| <b>Instrument :</b>     |
| MSVOA_W                 |
| <b>ClientSampleId :</b> |
| BFB590                  |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1389.0    |
| 37.10  | 7255.0    |
| 38.00  | 7436.0    |
| 39.10  | 2839.0    |
| 40.00  | 442.0     |
| 42.00  | 100.0     |
| 43.00  | 127.0     |
| 44.00  | 1151.0    |
| 45.10  | 1422.0    |
| 46.00  | 209.0     |
| 47.00  | 1695.0    |
| 48.10  | 779.0     |
| 49.10  | 6530.0    |
| 50.10  | 29520.0   |
| 51.10  | 9400.0    |
| 52.10  | 537.0     |
| 53.00  | 162.0     |
| 53.80  | 120.0     |
| 55.10  | 419.0     |
| 56.10  | 2540.0    |
| 57.10  | 4382.0    |
| 58.00  | 212.0     |
| 60.10  | 1634.0    |
| 61.10  | 7952.0    |
| 62.10  | 7521.0    |
| 63.10  | 6481.0    |
| 64.10  | 843.0     |
| 65.10  | 1453.0    |
| 66.00  | 130.0     |
| 67.00  | 495.0     |
| 68.10  | 15955.0   |
| 69.10  | 17432.0   |
| 70.10  | 1180.0    |
| 71.00  | 66.0      |
| 72.10  | 756.0     |
| 73.10  | 7535.0    |
| 74.00  | 26616.0   |
| 75.10  | 81992.0   |
| 76.10  | 6956.0    |
| 77.00  | 755.0     |
| 77.90  | 691.0     |
| 79.00  | 5609.0    |
| 80.00  | 1485.0    |
| 81.00  | 5688.0    |
| 81.90  | 1102.0    |
| 83.10  | 250.0     |
| 85.80  | 299.0     |
| 87.00  | 6145.0    |
| 88.00  | 6221.0    |
| 91.00  | 520.0     |
| 92.10  | 4286.0    |
| 93.10  | 6812.0    |
| 94.10  | 19312.0   |
| 95.10  | 147904.0  |
| 96.10  | 10903.0   |
| 96.90  | 286.0     |
| 103.00 | 59.0      |
| 104.00 | 999.0     |
| 104.80 | 95.0      |
| 105.10 | 112.0     |
| 105.90 | 572.0     |
| 106.90 | 188.0     |
| 107.90 | 56.0      |
| 109.90 | 166.0     |
| 110.90 | 157.0     |
| 112.10 | 73.0      |
| 112.90 | 122.0     |
| 115.00 | 153.0     |
| 115.90 | 659.0     |
| 116.90 | 1205.0    |
| 117.90 | 524.0     |
| 119.00 | 920.0     |
| 119.90 | 62.0      |
| 123.70 | 95.0      |
| 126.10 | 86.0      |
| 127.90 | 599.0     |
| 129.10 | 252.0     |
| 130.00 | 634.0     |
| 130.90 | 320.0     |
| 135.00 | 319.0     |
| 137.10 | 254.0     |
| 138.00 | 56.0      |
| 139.90 | 124.0     |
| 140.90 | 1455.0    |
| 141.90 | 207.0     |
| 143.00 | 1833.0    |
| 144.90 | 675.0     |
| 146.00 | 297.0     |
| 147.00 | 120.0     |
| 147.80 | 214.0     |
| 148.10 | 215.0     |
| 148.90 | 119.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB590

|        |          |
|--------|----------|
| 150.00 | 125.0    |
| 151.80 | 98.0     |
| 152.90 | 116.0    |
| 153.90 | 185.0    |
| 155.00 | 461.0    |
| 156.00 | 150.0    |
| 157.00 | 259.0    |
| 158.10 | 87.0     |
| 158.90 | 149.0    |
| 160.90 | 199.0    |
| 168.80 | 109.0    |
| 171.20 | 305.0    |
| 171.90 | 1765.0   |
| 174.00 | 116360.0 |
| 175.00 | 7558.0   |
| 176.00 | 107056.0 |
| 177.00 | 7449.0   |
| 178.10 | 258.0    |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB590

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1003.0    |
| 37.00  | 5964.0    |
| 38.10  | 5538.0    |
| 39.10  | 2434.0    |
| 39.90  | 286.0     |
| 40.90  | 88.0      |
| 42.90  | 70.0      |
| 44.10  | 963.0     |
| 45.10  | 1062.0    |
| 46.10  | 163.0     |
| 47.20  | 1314.0    |
| 48.00  | 838.0     |
| 49.10  | 4942.0    |
| 50.10  | 24488.0   |
| 51.10  | 6949.0    |
| 52.10  | 403.0     |
| 53.00  | 172.0     |
| 55.10  | 332.0     |
| 56.00  | 2179.0    |
| 57.10  | 3536.0    |
| 58.00  | 152.0     |
| 60.00  | 1145.0    |
| 61.00  | 6360.0    |
| 62.10  | 6553.0    |
| 63.00  | 5040.0    |
| 64.00  | 907.0     |
| 65.10  | 1081.0    |
| 66.10  | 110.0     |
| 67.10  | 340.0     |
| 68.10  | 12909.0   |
| 69.10  | 13512.0   |
| 70.10  | 991.0     |
| 71.10  | 82.0      |
| 72.00  | 742.0     |
| 73.10  | 5349.0    |
| 74.10  | 23360.0   |
| 75.10  | 66912.0   |
| 76.10  | 5367.0    |
| 77.00  | 715.0     |
| 78.10  | 458.0     |
| 79.00  | 4212.0    |
| 80.00  | 1243.0    |
| 81.00  | 4544.0    |
| 82.00  | 892.0     |
| 83.20  | 137.0     |
| 86.10  | 309.0     |
| 87.00  | 4735.0    |
| 88.00  | 5366.0    |
| 90.90  | 507.0     |
| 92.00  | 3960.0    |
| 93.00  | 5903.0    |
| 94.10  | 15807.0   |
| 95.00  | 127528.0  |
| 96.10  | 8362.0    |
| 97.00  | 241.0     |
| 103.90 | 636.0     |
| 105.10 | 153.0     |
| 105.90 | 616.0     |
| 107.00 | 135.0     |
| 109.80 | 86.0      |
| 110.90 | 93.0      |
| 111.90 | 153.0     |
| 113.10 | 156.0     |
| 115.10 | 157.0     |
| 116.00 | 413.0     |
| 117.00 | 741.0     |
| 118.00 | 716.0     |
| 118.90 | 897.0     |
| 123.10 | 70.0      |
| 123.80 | 75.0      |
| 124.90 | 54.0      |
| 126.00 | 59.0      |
| 128.00 | 473.0     |
| 128.90 | 221.0     |
| 129.90 | 621.0     |
| 130.80 | 192.0     |
| 133.90 | 60.0      |
| 135.00 | 239.0     |
| 137.00 | 236.0     |
| 137.90 | 64.0      |
| 139.10 | 50.0      |
| 141.00 | 1251.0    |
| 142.00 | 201.0     |
| 143.00 | 1934.0    |
| 144.10 | 148.0     |
| 144.90 | 354.0     |
| 145.90 | 255.0     |
| 146.90 | 99.0      |
| 147.90 | 257.0     |
| 148.90 | 146.0     |
| 149.80 | 135.0     |
| 151.80 | 95.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB590

|        |          |
|--------|----------|
| 153.10 | 112.0    |
| 153.90 | 95.0     |
| 155.00 | 350.0    |
| 157.10 | 303.0    |
| 158.00 | 53.0     |
| 158.80 | 130.0    |
| 161.00 | 169.0    |
| 168.80 | 153.0    |
| 171.00 | 195.0    |
| 172.10 | 1433.0   |
| 174.00 | 104064.0 |
| 175.00 | 7408.0   |
| 176.00 | 106544.0 |
| 177.00 | 6020.0   |
| 178.00 | 227.0    |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB590